

**CH2M HILL**  
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March 9, 2015

Director, Office of Compliance and Enforcement  
US EPA Region 10  
Attn: ICIS Data Entry team, OCE-133  
1200 Sixth Avenue, Suite 900  
Seattle, Washington 98101-3140

Re: NPDES Permit # ID-002127-0

For the week beginning February 22, 2015, the Twin Falls Wastewater Treatment Plant experienced a weekly average effluent TSS mg/L excursion. The permit limit for weekly average effluent TSS mg/L is 45 mg/L. Analytical results show an average of 48 mg/L for the week.

The wastewater plant experienced average monthly influent BOD loadings of 30,356 lbs/BOD/day. The CEPT (chemically enhanced primary treatment) system was turned on to decrease the loadings to the aeration basins. Once the activated sludge inventory in the aeration basins was increased, the CEPT system was discontinued. It was anticipated that the BOD removal through the primary clarifiers would decrease, but BOD removal through the primaries continued to average 38% for the month (BOD removal was 6% prior to the CEPT system being turned on). The activated sludge inventory was too high for the decreased BOD coming from the primary clarifiers, causing an upset of the activated sludge process. The activated sludge inventory has since been decreased and the TSS results for March 2015 show the plant is in compliance.

If you have any further questions, please contact me.

Sincerely,

Shawn Moffitt  
Project Manager II  
CH2M HILL

Cc: Dave Anderson/IDEQ  
Jon Caton/Public Works Director